

19990417.qrp v01_n429.qrl.990417

Date: Sat, 17 Apr 1999 19:03:14 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1429

QRP-L Digest 1429

Topics covered in this issue include:

- 1) [38328] RE: Really big signals DO modulate the propagation path !!!
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 2) [38329] Regen Circuit
by Pete Burbank <plburbank@kih.net>
- 3) [38330] K2 image rejection question
by "Paul Helbert, Wv3j" <phelbert@rica.net>
- 4) [38331] Iowa QRP CW Net
by "John Burnley" <burnley-ia@worldnet.att.net>
- 5) [38332] need info : ZN414/MK484
by Mighty Mik <mitymik@hooked.net>
- 6) [38333] NorCal 40a
by KC7MES@aol.com
- 7) [38334] Regen Info
by mjfitz@uswest.net
- 8) [38335] New Engand QRp Club meeting
by malman@world.std.com (Joel Malman)
- 9) [38336] PSK31, again...
by Bob Edwards <w4ed@flash.net>
- 10) [38337] Re: FS: K-2, already built
by sda <sda@bellsouth.net>
- 11) [38338] Re: Part of the day (IC)
by Gary L Surrency <gsurrency@juno.com>
- 12) [38339] Corner Reflectors Part 2
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 13) [38340] TenTec 20m qrp kit question
by PUNISHER3@aol.com
- 14) [38341] Re: NorCal 40a
by Jay Bromley <w5jay@alltel.net>
- 15) [38342] Re: PSK31, FAQ, FYI
by "Lynn Simons" <lynnsimons@mindspring.com>
- 16) [38343] QRP CW Nets
by "Mark Burton" <extrude@bellsouth.net>
- 17) [38344] Re: PSK31
by "Lynn Simons" <lynnsimons@mindspring.com>
- 18) [38345] Re: QRP CW Nets
by PUNISHER3@aol.com
- 19) [38346] anyone know a price...

- by ntan <ntan@crosslink.net>
- 20) [38347] Re: PSK31
by "George T. Baker" <w5yr@swbell.net>
 - 21) [38348] Re: FS: K-2, already built, already sold
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
 - 22) [38349] Re: K2 image rejection question
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
 - 23) [38350] Ten-Tec 505 Argonaut
by "Dennis & or Jennie" <denjen92@net-link.net>
 - 24) [38351] PSK31 WOW and more FYI (answers to the many questions)
by John R Kirby <n3aaz-qrp@juno.com>
 - 25) [38352] Re: Satellite Pass Predictions
by Michael Neverdosky <MichaelN@cycat.com>
 - 26) [38353] So. Florida Propagation and the NAB
by Jerry Henshaw <jhenshaw@bellsouth.net>
 - 27) [38354] Re: Regen Building Contest & Jim Kortge
by "J. W. (Dub) Thornton" <dub@oklahoma.net>
 - 28) [38355] Switched mode power supply
by Arjen Raateland <Arjen.Raateland@vyh.fi>
 - 29) [38356] Re: S. Florida Propagation...&c.
by w4pj@w4bkkx.ampr.org
 - 30) [38357] Thanks for grounding info
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
 - 31) [38358] FS: TT 505 XCVR; 251 PS
by Dick Schneider <rschneid@ix.netcom.com>
 - 32) [38359] 8 new pics added
by sda <sda@bellsouth.net>
 - 33) [38360] Re:Ten-Tec 505
by "Dennis & or Jennie" <denjen92@net-link.net>
 - 34) [38361] Re: Switched mode power supply
by Gary L Surrency <gsurrency@juno.com>
 - 35) [38362] AW: NorCal 40a
by "Peter Zenker" <Peter_DL2FI@csi.com>
 - 36) [38363] Need help with NorCal Cascade...
by N9YAI@aol.com
 - 37) [38364] Re: QRP CW Nets
by Brian Murrey <brian@iquest.net>
 - 38) [38365] PSK Frequencies
by "Alyn Backe" <ve6bpr@cnnet.com>
 - 39) [38366] Ten is a no go!
by Peter Larsen <larsenp@cadvision.com>
 - 40) [38367] Ten Tec QRP Gear - All Sold
by Dick Schneider <rschneid@ix.netcom.com>
 - 41) [38368] Re: So. Florida Propagation
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
 - 42) [38369] Spring Bouquet report
by Bruce Rattray <rattray@gpfn.sk.ca>
 - 43) [38370] Re: FS: K-2, already built, already sold

by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
44) [38371]
by "Frank" <ke6vhm@earthlink.net>
45) [38372] Amateur EXTRA Class Proposal
by Zeek Zilch <zeekzilch@chisp.net>
46) [38373] FS: Argosy 425 plus
by spoon@kodak.com
47) [38374] Re: PSK31
by hw.merz@t-online.de (Hanns W. Merz)
48) [38375] drift in qrp+ using psk
by hamjoel@juno.com
49) [38376] Spring Bouquet (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
50) [38377] FS: QRP gear
by mikemo@ibm.net
51) [38378] AEA IsoLoop info please.
by mikemo@ibm.net
52) [38379] FS: TT1320 TEN TEC 20 Meter QRP Rig
by W2IV@aol.com
53) [38380] re: price of ta33jr...
by ntan <ntan@crosslink.net>
54) [38381] FS: Backpacker II, 40 meter QRP RIG
by W2IV@aol.com
55) [38382] NE QRP club meeting info?
by John <aa5yx@juno.com>
56) [38383] EXTRA Class Clarification
by Zeek Zilch <zeekzilch@chisp.net>
57) [38384] Re: NorCal 40a
by "David D. Meacham" <ddm@datatamers.com>
58) [38385] Extra Class Clarification
by Zeek Zilch <zeekzilch@chisp.net>
59) [38386] trade
by bkobie@webtv.net (patrick obrien)
60) [38387] Anyone designing a DSP front end receiver ?
by Stanley Wilson <microres@crl.com>
61) [38388] SPRING BOUQUET---Wild Rose log April 17
by Peter Larsen <larsenp@cadvision.com>
62) [38389] Re: Ten is a no go!
by "Paul Harden, NA5N" <na5n@rt66.com>

Date: Fri, 16 Apr 1999 19:00:54 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-1@LeHigh.edu>
Subject: [38328] RE: Really big signals DO modulate the propagation path !!!
Message-ID: <003e01be885c\$fc467fc0\$04000a0a@inforhc>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Zack W1VT in a one line statement says to us :

"Really big signals can modulate the propagation path " end quote

Now, I am sure that some of my nice list friends have heard about the

"Luxemburg effect" , or to define it properly

" Ionospheric transmodulation "

I am sure that none of our QRP rigs will ever cause that problem...

But present day 500 kW , 1 mW and 2 MW transmitters can not only heat the ionosphere, but actually make the free electrons " dance" in such a way as to " ADD" their modulation to other stations that propagate via skywave...

Now that we approach the peak of the solar cycle, is a good time to observe that kind of phenomena, which during cycle 22 was seen several times here in Havana.

Although not directly QRP related, I thought that this would be of interest, especially when one of those really high power transmitters can actually improve propagation for our QRP rigs under some special circumstances...

Make your own calculations and you will see why...

500 kW transmitter into a 20 dB gain curtain = Theoretical 50 MEGAWATTS of Effective Radiated Power... enough to make those electrons dance very nicely at the blob of ionosphere where the signal is hitting at a given moment.

Arnie Coro C02KK

Host of Dxers Unlimited

Radio Habana Cuba

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

Date: Fri, 16 Apr 1999 19:04:22 -0400

From: Pete Burbank <plburbank@kih.net>

To: <qrp-1@Lehigh.EDU>

Subject: [38329] Regen Circuit

Message-ID: <3.0.32.19990416190419.006cf2c0@kih.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

The posts about regens brings to mind an article that was in 73 magazine -in the '60s I think. One of the circuits that was intriguing that I never got around to building. As I recall the author claimed great stability because of a high value of capacity in the tuned circuit. The photo showed the inductor that looked like vhf plumbing even though it was an HF receiver.

I'm curious if anyone else remembers the article.

72/3 Pete NV4V

Date: Fri, 16 Apr 1999 19:22:20 -0400
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38330] K2 image rejection question
Message-ID: <3717C62C.7FAE911C@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gangue,

I have been looking over the receiver spec. comparisons on the Elecraft K2 webpage (http://elecraft.com/K2_perf.htm). I'd be interested in hearing from the field testers on what is not in the comparison which is usually in the QST write-ups on HF rigs: image rejection.

Both quantitative or subjective remarks are solicited.

Thanks,

Paul, Wv3j

Date: Fri, 16 Apr 1999 18:31:34 -0500
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>, <qrp-l@lehigh.edu>
Subject: [38331] Iowa QRP CW Net
Message-ID: <19990416233303.ERIN13859@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don't forget the IAQRP CW net is tomorrow morning
Saturday April 17, 1999
at 7:45am (12:45 UTC) on 3.710. Please join us
if you can!

72, John NU0V

Date: Fri, 16 Apr 1999 16:51:05 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [38332] need info : ZN414/MK484
Message-ID: <3717CCE6.E4576AAC@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a feeling out friends across the pond know this one...

Who manufactures the MK484...and is there a PDF file somewhere for it?
(this is a single chip T092 AM reciever.)

Date: Fri, 16 Apr 1999 20:08:03 EDT
From: KC7MES@aol.com
To: qrp-1@lehigh.edu
Subject: [38333] NorCal 40a
Message-ID: <d1b400fb.24492ae3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, I realize this is sort of like sacrilege, but I'm interested in getting more power out of my 40a. Right now it's stock and unmodified. Could someone give me a few pointers on how to get some more power? Also, I'd like to know of many other suggested mods. Thanks everyone,

Rob, KC7MES

Date: Fri, 16 Apr 1999 19:23:21 -0500

From: mjfitz@uswest.net
To: qrp-l@Lehigh.EDU
Subject: [38334] Regen Info
Message-ID: <3717D479.983AB3A9@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Builders--

I will see if I can get Charles Kitchin, alias "Regen King" (well deserved) to make available some of his excellent designs. He does have some on PDF files, or did when he sent them to me...

Will let you know next week sometime if I can get something going in that direction.

Mike KI0AF Mo. Valley, IA

Date: Fri, 16 Apr 1999 20:36:13 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [38335] New Engand QRP Club meeting
Message-ID: <199904170036.AA07594@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

It seems like there is going to be a pretty good size number of QRP'ers at the meeting this Sunday. It sure will be nice to see you all.

FYI: the 2 meter repeater nearest ARRL HQ appears to be 145.45 (-) and I assume there is no PL. Hope so hear you during the drive to HQ!

Rumor has it that Dave Benson will bring along one of his new DDS kit rigs. Very QRP, and Very Neat!

--

/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Fri, 16 Apr 1999 21:32:06 -0400
From: Bob Edwards <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [38336] PSK31, again...
Message-ID: <3717E496.2BF4825F@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey,

Didn't read (may have missed) a point of view on PSK31 like mine.

A little back ground first, with my point of view at the end.

It is an extremely efficient digital mode, geared to (human) user interface speeds. Which means it is not intended to transmit image files, or other files as fast as possible and/or without error. Instead, it is intended to get people (amateurs) talking to each other with radio equipment augmented by computers. The author's intent is clear about person to person contact vs data file transfer. Based on his intent, I hope it grows as a mode, and even displaces some of the other digital modes that chew up so much HF spectrum. As far as image files, or other file transfers, the internet suites my needs much better, anyway.

I enjoy most the CW mode for person to person contact on amateur frequencies. Second, I use www & email for opportunities inherent within the internet medium. This list is one good example. LB's www site, QRP club sites are other great examples. However, these two media are separate, having end goals of their own. It is a personal thing with me, I enjoy them separated, and don't have enough time to enjoy either one fully.

The technology that implements PSK31 is interesting. My setup used the PC sound blaster card for A/D and D/A while leaving the heavy duty number crunching to the Pentium within the PC. And the author has done a great favor for our amateur community, providing this software free ! I use the same H/W setup for PSK31 as for RTTY/BTL. Ran one RTTY contest to get a feel for it. Enjoyed it, but probably won't do it again. Also keep the RTTY capability ready for emergency traffic via USAF MARS. One important factor about digital modes, for me, is that my work situation ties me to a (nice) UNIX workstation + 8 hours a day. So looking into a CRT/LCD, again, as a hobby, is not as appealing to me as to others.

I really don't have anything against computer augmented modes, just prefer CW, and would rather not spend radio hobby time typing into a PC.

My view of PSK31, in a nut shell: I tried it, liked it, got bored with it.

--

```

      Bob    72/73
        Z'# 114
    http://www.qsl.net/w4ed
    W4ED nr Atlanta @EM73wt
    ...."QRP", more from less....
    ~~~~~

```



Date: Fri, 16 Apr 1999 21:11:16 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [38337] Re: FS: K-2, already built
Message-ID: <199904170210.WAA14035@mail3.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:40 PM 4/16/99 -0700, Christopher wrote:

>
> This seems almost too good to be true, but this person is selling an
> Elecraft K-2 already built. He writes for a radio publication and built it
> for a review. I would grab it but my SG-2020 pretty well absorbed my radio
> budget. PLEASE don't write me--write him, Simon Lewis, at:

>
> slewis@pacsat.demon.co.uk

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Hmm...poor guy is gonna have about 250 emails in his box
by tomorrow afternoon!

Todd Atkins, K4MSW (patiently awaiting his K2)
Baton Rouge, Louisiana
<<http://www.qsl.net/k4msw>><http://www.qsl.net/k4msw>

Date: Fri, 16 Apr 1999 19:19:22 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: Arjen.Raateland@vyh.fi
Cc: qrp-l@Lehigh.EDU
Subject: [38338] Re: Part of the day (IC)
Message-ID: <19990416.191931.-4106955.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
> Today's part # TL494MJ/538B
> I have 6 of them.

> TL494CN is listed in my book as a fixed frequency pulse width modulation
> control circuit for switched mode power supplies with integral 5V
> reference supply (10 mA) for external circuits. Supply 40 V, 15 mA,
> freq. 40 kHz, case 16 pin DIL.

Open any PC computer power supply made in the last few years, and you'll find this chip doing the PWM control of the circuit. They are as common a part as you'll find today.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 16 Apr 1999 22:24:41 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [38339] Corner Reflectors Part 2
Message-ID: <Pine.GSO.4.10.9904162223250.10507-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Due to a bit of luck, I had a chance to finish and install part 2 of the corner reflector notes. I hope they are useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\----	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/ /	(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html						

Date: Fri, 16 Apr 1999 22:40:08 EDT
From: PUNISHER3@aol.com
To: QRP-L@lehigh.edu
Subject: [38340] TenTec 20m qrp kit question
Message-ID: <dba8007.24494e88@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello. After Many months of doing other things, i have come back to my QRP kit, and am now on the phase for the Transmit Driver, RF Amplifier & Output Filter which is phase 7. I am at the "Transmit Driver test" at the end of the section, but i don't understand the first step. It says "tack-solder a scrap of bare wire from the trace common to C73 and the base of Q15 and the trace with 4 pads joining L8, C76, C57, C97. This is the equivalent of shorting the base to the connector of Q15, which is not yet installed."

Could anybody put that in english for me? How would this look on the board? I don't quite understand how i can connect one peice of wire to all those things...or am i missing something?

Thanks in advance,
Ben
NW7DX

Date: Fri, 16 Apr 1999 22:07:35 -0500
From: Jay Bromley <w5jay@alltel.net>
To: KC7MES@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [38341] Re: NorCal 40a
Message-ID: <3717FAF7.1326ABF3@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Talk to AB7MY, Gary he's the man with the plan and his stuff works.
73 de w5jay..

KC7MES@aol.com wrote:

>
> OK, I realize this is sort of like sacrilege, but I'm interested in getting
> more power out of my 40a. Right now it's stock and unmodified. Could
> someone give me a few pointers on how to get some more power? Also, I'd like
> to know of many other suggested mods. Thanks everyone,
>
> Rob, KC7MES

Date: Sat, 17 Apr 1999 03:16:31 -0500
From: "Lynn Simons" <lynnsimons@mindspring.com>
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38342] Re: PSK31, FAQ, FYI
Message-ID: <002301be88aa\$9a9c3960\$1cf210d1@lynn-s-computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Guys,

Here is a little question for those of you who have been using PSK31. I
just downloaded the software and read the help file that came with it.
Thought I had things OK. Then when I ran the software I got an error message
that says

SOUNDCARD: MMSYSTEM032 The unspecified format cannot be translated or
supported. Use the Capabilities function to view supported formats.

Now 2 questions.

1. What is this 'Capabilities function'?
2. I have a Gateway computer with a Sound Blaster compatible knock off that
came with the computer. Does it sound like I am not going to be able to

use this with this sound card?

Thanks in advance.

72/73,

Lynn, KJ3V
Birmingham, AL

Date: Fri, 16 Apr 1999 22:25:21 -0500
From: "Mark Burton" <extrude@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38343] QRP CW Nets
Message-ID: <016301be8882\$02813220\$c9c0d6d1@mark>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Are there any QRP Nets on 30 Meters?

Mark
WB4TGB
Germantown, TN

Date: Sat, 17 Apr 1999 03:26:05 -0500
From: "Lynn Simons" <lynnsimons@mindspring.com>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38344] Re: PSK31
Message-ID: <002c01be88ab\$f09f27e0\$1cf210d1@lynn-s-computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Bruce,

I have a little different view of making contacts. For example when you make a SSB contact all you do is talk. The microphone converts mechanical

energy into electrical energy which is converted to electromechanical energy and radiated via the antenna. Then the ionosphere reflects, refracts, etc. this energy until it is captured by another aerial somewhere and the process is then reversed. The energy is converted back into mechanical energy which acts on the tempanic membrane which in turn converts this to electrical energy which the brain can interpret.

But in any case a contact is still made; the exchange of information which to me is just an incredible magic. This is the magic of radio to me!

Now there are many ways to make contacts and this PSK31 is a new and very innovative means of doing just that. I see it as no different from making any other type of contact.

Just my opinion.

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Fri, 16 Apr 1999 23:32:27 EDT
From: PUNISHER3@aol.com
To: extrude@bellsouth.net, qrp-1@lehigh.edu
Subject: [38345] Re: QRP CW Nets
Message-ID: <6e11f0c9.24495acb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Mark,

The only qrp net on 30 meters that I know about is the NW QRP Club net, which is on 10.120-22 every monday evening at 300z. Maybe some other people know of others.

73,
Ben

<< Are there any QRP Nets on 30 Meters?

Mark
WB4TGB
Germantown, TN

>>

Date: Fri, 16 Apr 1999 23:38:58 -0400
From: ntan <ntan@crosslink.net>
To: QRP-L <qrp-l@lehigh.EDU>
Subject: [38346] anyone know a price...
Message-ID: <37180248.FBCACA24@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings all-

This isn't QRP related, but I didn't know where else I would find such a knowledgeable group of individuals, that always go out of their way to help a fellow QRPer....

My father, W4RZB, has a 30 foot tower and TA-33 jr that he no longer uses...in fact he had it up in the attic ever since he moved to Gwynns Island, 20 yrs. ago. I know it has to be at least 30 yrs old because he had set up in Va. Bch. when I was a novice...

Here is the situation....I have expressed an interest in it and he wants to give it to me, but

I told him I only want it if I can buy it, and give him a fair price for it. After much arm twisting, he agreed, but neither of us know what a fair price is...

Any ideas out there??? Many tnx es best 72- Neil WA4CHQrp

Date: Fri, 16 Apr 1999 23:00:22 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: rakefet@rakefet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38347] Re: PSK31
Message-ID: <37180756.4D5744E4@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Vic, there was a prescient article in QST sometime around 1945 or 46 that described the upcoming "postwar ham shack." It operated in a fashion almost identical to your description!

If any mode could do it, it would probably be PSK31.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!

AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County

QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

> There's no reason why there couldn't be a wholly automated DXCC program today.
> It would scan the band looking for PSK31 DX (I bet it would be easy to do this
> with a K2), establish contact, and even exchange public-key encrypted QSL data!
> I can imagine coming home from work, going to my computer and hearing "Hi Vic,
> you've got 3 new ones confirmed today."
>
> 73,
> Vic, K2VCO
> Fresno CA

Date: Fri, 16 Apr 1999 21:56:52 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: brewsq@excite.com, QRP-L <qrp-l@lehigh.edu>
Subject: [38348] Re: FS: K-2, already built, already sold
Message-ID: <37181494.8F52F709@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I believe this K2 has already been bought. We were contacted by the new owner last week.

72, Eric

You wrote:

This seems almost too good to be true, but this person is selling an Elecraft K-2 already built. He writes for a radio publication and built it for a review. I would grab it but my SG-2020 pretty well absorbed my radio budget. PLEASE don't write me--write him, Simon Lewis, at:

slewis@pacsat.demon.co.uk

Date: Fri, 16 Apr 1999 22:07:32 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>

To: phelbert@rica.net
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [38349] Re: K2 image rejection question
Message-ID: <37181714.AA04DB61@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Paul,

We performed the ARRL standard test for image rejection some time back by receiving on 14.020 and injecting signals at 14.020 +/- (2 x our IF, 4.915 MHz); 23.850 MHz and 4.19 MHz. The signal generator used was the H/P 8640B.

Image rejection was typically in the 70db to 73 db range at 23.850. We could not measure -any- image feedthrough at 4.19 MHz.

Note that the Ten Tec Omni6+ was tested at about the same range (71 db) in the ARRL review article.

Also, as a qualitative measurement, our customers in Europe have had no significant BC feedthrough on receive.

Hope this helps.

73, Eric

Date: Sat, 17 Apr 1999 04:44:41 -0400
From: "Dennis & or Jennie" <denjen92@net-link.net>
To: <qrp-l@Lehigh.EDU>
Subject: [38350] Ten-Tec 505 Argonaut
Message-ID: <006201be88ae\$89c18240\$548c9cd0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Help, I need the manual and or schematic for the Ten-Tec Argonaut 505. This is supposed to be a 1-2 watt rig but it does not seem to be putting out anything on transmit in CW mode. SSB seems to be putting out about 1 watt. So before digging into the radio I would like to have a road map to see where I am going.

Thanks for the help.
Dennis KB8S0J
denjen92@net-link.net
<http://www.net-link.net/~denjen92>
Paw Paw Ham Web <http://www.net-link.net/~katran>
ICQ # 4413983
QRP-L# 1928 MI-QRP

Date: Sat, 17 Apr 1999 07:38:22 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [38351] PSK31 WOW and more FYI (answers to the many questions)
Message-ID: <19990417.073833.-29973.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WOW

Thanks for *ALL* the "comments" (remember positive criticism is a good thing).
and thanks for all the interest.

My antenna is the G5RV (102 ft. version, 80-10) up about 30 feet,
I have a 4:1 broadband toroidal balun between the coax feed and balanced matching section.

I was reminded (and thank you)
...HELP KEEP PSK31 CLEAN...
Turn OFF all radio "processing" (such as the clipper and speech processor) else big time PSK31 splatter and distortion.

My Windows version is >>p31sbw105.zip <<, yes, I ran V1.04 with this same "sound card" no problem, no I do not know what "sound card" I have, it is "built in" to the motherboard.

I was asked several questions that I can not answer about specific sound card hardware, Motorola ICs, other radios, DOS software, other Windows software. I have seen topics like these discussed at >><http://aintel.bi.ehu.es/psk31.html><< and more.

There is a PSK reflector at >>psk31@qth.net<< , I know of other

reflectors but have no address.

>>p31sbw105.zip << is free for amateur radio use and can be downloaded from

>><http://aintel.bi.ehu.es/psk31.html><< or if speed is a problem from

>><http://www.kender.es/~edu/psk31.html><<

Thanks go to the gentlemen that make these sites available and
Peter -G3PLX- for the software...John...

I tried to cover all questions and comments with this "blanket" post,
however, if I missed your specific question please ping me again.

Enjoy,

John
N3AAZ
FM19xa
.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 17 Apr 1999 09:00:27 +0000
From: Michael Neverdosky <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [38352] Re: Satellite Pass Predictions
Message-ID: <37183F9B.85EB93F3@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tracking the aliens is easy.
The tricky part is getting up to date Kep data. :-))

Now I am off to build some antennas, and fix a nagging problem
with my TS-130S.

michael

BTW Is AO-27 using RHCP?, I am wondering if I need to build quad helix
antennas in both polarizations.

n2zhy@amsat.org wrote:

>
> Calling all Space Cadets
>
> Here are a few more tracking sites. Good for satellites, space
> stations and killer alien space ships.
>
> Ok maybe no aliens.
> Maybe in the next upgrade.
>
> <http://www.gsoc.dlr.de/satvis/>
> <http://www.primenet.com/~bester/satpasses.htm>
> <http://liftoff.msfc.nasa.gov/RealTime/jtrack/>
>
> 72
> David,n2zy
> Princeton,NJ

Date: Sat, 17 Apr 1999 09:01:09 -0400
From: Jerry Henshaw <jhenshaw@bellsouth.net>
To: "'elecra@qth.net'" <elecra@qth.net>, "'QRP List'" <qrp-l@Lehigh.EDU>
Subject: [38353] So. Florida Propagation and the NAB
Message-ID: <01BE88B0.DAEC6660@host-216-77-209-54.fll.bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Gang,

Well for the last few days the propagation here is South Florida has =
been non-existent!!! This morning I could hear zip, zero, nada on all =
bands! Is anyone else experiencing rotten band conditions.... no QRN =
just quite, dead, nary a peep. Really eerie.

I am headed for the NAB convention in Las Vegas. Are there any QRPers =
planning to attend? (I know Ned Mountain will be there). So, if there =
is any interest, I will be taking my K2 with me and I will be staying at =
the Treasure Island Hotel just give me a shout and let's try to get =
together if possible.

BTW, I bought one of the K9LU "Bull Dog" miniature paddles... these are =
really neat. I can send 25 -30 wpm without any problem once I got them =
adjusted. This paddle is made from a "Bull Dog" spring steel binder =
clip. I bought the unit mounted on an oak base with suction cups.=20

72's De KR5L/4 (No Signals in So. Florida)

Jerry Henshaw

Date: Sat, 17 Apr 1999 08:12:50 -0500
From: "J. W. (Dub) Thornton" <dub@oklahoma.net>
To: qrp-l@lehigh.edu
Subject: [38354] Re: Regen Building Contest & Jim Kortge
Message-ID: <199904171314.IAA26150@ultra5.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

At 04:00 PM 4/16/99 -0700, you wrote:

>Uh oh guys.=A0 I see where one of the great ones of scratch building is=
going
>to be at HamCom.=A0 See, have a scratch building contest, and this guy=
comes
>on the run.=A0 Jim, please build an entry.=A0 Guys, you have to see this=
guys
>work in person.=A0 I just cannot describe it.=A0 Do you think Dub, Cliff,=
Burl
>and the other baja Kansas guys will try and claim that he is from=
Oklahoma??
>Remember they are the ones who sent Barry Switzer to Dallas.

Are you kiddin, Doug? Of course Jim is an Okie. (honorary counts, ya= know).

We need all the help we can get anytime we venture south of the border.
This bash just keeps lookin better by the day. See you all there. "72"

-

J. W. (Dub) Thornton WA5YFY
Minco, OK.

Date: Sat, 17 Apr 1999 13:20:19 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [38355] Switched mode power supply

Message-ID: <37187C83.3281@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All,

I salvaged a small switched mode power supply from an old tape streamer. The streamer was said to be unreliable and obsolete. AFAIK, it was otherwise functioning before I demolished it.

The supply board is Autec UPS40-2003, Rev. B, about 12,5 x 8 cm. One of the chips is an UC3842AN.

When switched on w/o load at least one of the outputs is not steady but pulsates.

After reading all the positive comments about the Radio Shack switched-mode power supply, I had hoped I would be able to use my salvaged PS as a portable supply for a QRP rig

If anybody might happen to know more about this model/type of PS, I'd like to receive whatever information you have.

TIA es 73,

--

Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Sat, 17 Apr 1999 09:41:39 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-1@lehigh.edu
Subject: [38356] Re: S. Florida Propagation...&c.
Message-ID: <62667@w4bkx.ampr.org>

Jerry KR5L/4 Says the propagation has been stinko the past few days. Well, the propagation from THIS QTH in S.FL has been pretty good the past few days. My log entries from the 15th and 16th APRIL include:

VK6 on 10m

HL5XF, JT1BH, EZ8AZ, J28BS on 15m

SU0ERA, SU1ER, ST2SA, SU9ZZ, BV4QW, SU3AM on 20m

plus many other stations heard but not called/worked.

There was a Minor Solar storm reported (16 APR 2220Z)
and this morning, only Carriibbean, South American and VK/ZL (very loud)
were heard. Oh, Sam V63KU was in there on 20 ssb also.

BTW JT1BH has the loudest signal from Mongolia I have ever seen on any
band (15m the other evening - S-9+35dB) and was worked 1 call barefoot.

de Scott / W4PJ Ft.Lauderdale,FL (CL-36 @ 60ft - 100ft RG-9913)
P.S. Jerry, check to see if your coax is plugged in =[:^)

Date: Sat, 17 Apr 1999 08:57:27 -0500
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@lehigh.edu
Subject: [38357] Thanks for grounding info
Message-ID: <37189347.B876C589@uiowa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hi.

a bit late. i want to thank everybody who responded to my request for
grounding info/ideas for new house construction. most folks pointed me
to polyphaser (<http://www.polyphaser.com>), but i got many other good
hints and tips as well.

72/73,
--adam, ak0p
adam-kanis@uiowa.edu

Date: Sat, 17 Apr 1999 08:50:21 -0600
From: Dick Schneider <rschneid@ix.netcom.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [38358] FS: TT 505 XCVR; 251 PS
Message-ID: <37189FAC.FE1B8D5E@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OR SALE Ten Tec QRP Gear

Ten Tec Argonaut 505 QRP CW/SSB XCVR. Full coverage of 10-15-20-40-80 Meters. Analog Dial. A QRP Classic. W/Manual. Excellent Condition. Fully

realigned and refurbished by Ten Tec factory. 3-5 Watts out. Ship to CONUS. \$275.

Ten Tec 251 Power Supply AND 207 Ammeter. Very Good Condition. Tiny plastic collars around the two bulbs on front are chipped. Bulbs are fine. PS is in solid working order. Ship to CONUS. \$75

Email offers/questions to:

Dick Schneider
AB0CD
Rschneid@ix.netcom.com

72 Dick AB0CD..

Date: Sat, 17 Apr 1999 10:09:50 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [38359] 8 new pics added
Message-ID: <199904171509.LAA27215@mail3.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Added 8 new pictures to the "pics" section:

<http://www.qsl.net/k4msw>
Click on "PICS".

72/3,

Todd Atkins, K4MSW
Baton Rouge, Louisiana

Date: Sat, 17 Apr 1999 12:37:03 -0400
From: "Dennis & or Jennie" <denjen92@net-link.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [38360] Re:Ten-Tec 505
Message-ID: <002a01be88f0\$86ffeb40\$b58c9cd0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all whom responded to my post, I think I may just send it in like KF7ET and get it up to factory spec. It receives just great.

Thanks

Dennis KB8SOJ

<http://www.net-link.net/~denjen92>

Paw Paw Ham Web <http://www.net-link.net/~katran>

ICQ # 4413983

QRP-L# 1928 MI-QRP

Date: Sat, 17 Apr 1999 09:42:51 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [38361] Re: Switched mode power supply
Message-ID: <19990417.100333.-103179.3.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Almost all switched-mode power supplies require a minimum load to operate, or they will shut down or be damaged by the extremely short conduction angle of the switching device(s). Such short conduction results in extremely high induced voltages in the transformer windings, causing breakdown of the switching device(s) and / or the rectifiers in the secondary and output side..

Most of them expect loads of 10-15% of rated output, unless otherwise specified. The switchers intended for ham use are, of course exceptions to this rule and have special circuitry to limit the high induced voltages resulting from no load, or light loads. I suspect the little Radio Shack supply uses some type of snubber circuit to protect the high voltage side (primary) of the circuit, or it uses components with ratings designed to handle such abuse.

Use extreme care when messing around with these guys, because voltages around 370v can appear on the primary circuit, and there is a great deal

of energy storage and current available in the capacitive filters.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 17 Apr 1999 20:02:37 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <KC7MES@aol.com>, "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [38362] AW: NorCal 40a
Message-ID: <000601be88fc\$9efa6a20\$1546d3d4@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Rob,
thats an old discussion and Wayne no longer participates but what he said
was (in my words: Dont tweak a PA whis is designed to run 2 watts to a PA
running 5 Watt without changing the PA.
Thats what I dis. The DL-QRP-PA of german QRP-Clup is 1 by 1 inch and fits
fantastic into the NorCal 40A and it gives you up to 9.5 Watt without any
distortions and without running hot. By using a simple pot you can regulate
between some mw and full power.

See the manual file at <http://www.funkamateurl.de>

72 de Peter

-----Urspr ngliche Nachricht-----
Von: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]Im Auftrag
von KC7MES@aol.com
Gesendet am: Samstag, 17. April 1999 02:08
An: Low Power Amateur Radio Discussion
Betreff: NorCal 40a

OK, I realize this is sort of like sacrilege, but I'm interested in getting
more power out of my 40a. Right now it's stock and unmodified. Could
someone give me a few pointers on how to get some more power? Also, I'd

like
to know of many other suggested mods. Thanks everyone,

Rob, KC7MES

Date: Sat, 17 Apr 1999 13:06:34 EDT
From: N9YAI@aol.com
To: QRP-L@lehigh.edu
Subject: [38363] Need help with NorCal Cascade...
Message-ID: <1b4821c6.244a199a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Fellow QRP'ers

I need a little help with a Cascade problem. The Volume is weak and here are some voltages that are not showing normal. I am getting 5.7 Volts on all pins of Q17 and on U5 Pin 1 is .61 volts and Pin 2 is .66 volts and pins 3,4,5 are Nominal. It also appears that the AGC pot has no effect. All other voltages in the receive side appear normal. With my limited knowledge of electronics any help would be appreciated.

Thanks in advance and 72's
Randy Jobe (N9YAI)

Date: Sat, 17 Apr 1999 12:13:29 -0500
From: Brian Murrey <brian@iquest.net>
To: PUNISHER3@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38364] Re: QRP CW Nets
Message-ID: <3718C139.15BF3255@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FISTS announced a new 30m calling freq this month.

10.118 Mhz

FISTS is an international pro-CW organization.

<http://www.fists.org>

PUNISHER3@aol.com wrote:

```
> Hi Mark,  
> The only qrp net on 30 meters that I know about is the NW QRP Club  
> net, which is on 10.120-22 every monday evening at 300z. Maybe some other  
> people know of others.  
>  
> 73,  
> Ben  
>  
> << Are there any QRP Nets on 30 Meters?  
>  
> Mark  
> WB4TGB  
> Germantown, TN  
> >>
```

--

```
=====  
KB9BVN: Norcal 40A - 1.8W - Attic Dipole  
FISTS: 5695 NORCAL: 2792 QRP-L: 1540 ARRL  
QTH: Central Indiana, GRID: EM69WN  
=====
```

Date: Sat, 17 Apr 1999 11:42:07 -0600
From: "Alyn Backe" <ve6bpr@cnnnet.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "qrp-canada" <qrp-canada@lists.gpfn.sk.ca>
Subject: [38365] PSK Frequencies
Message-ID: <001301be88f9\$9db87ba0\$9006e5cf@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have a list of PSK31 frequencies being used in North America for

all bands from 160 through 10 meters?
72/73, AL, VE6BPR.....

Date: Sat, 17 Apr 1999 19:05:53 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: Low Power <qrp-l@Lehigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, earlmurf@telusplanet.net, mcherry@calweb.com
Subject: [38366] Ten is a no go!
Message-ID: <3718CD81.FA0DAA4@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All:
Ten meters is a no go today. Even 11 is quiet up here.
With numbers of Flux=123 A= 12 K= 5
I don't think that I will make any contacts today.
I will try to go on 20 at about 21:00z, 14.285
But even 20 is poor today.
Best 72 es hope to hear some of you.

--
72 es have fun
Peter
VE6YC D021wc

Artificial intelligence is no match for natural stupidity.

Date: Sat, 17 Apr 1999 13:03:30 -0600
From: Dick Schneider <rschneid@ix.netcom.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [38367] Ten Tec QRP Gear - All Sold
Message-ID: <3718DB02.983F27B3@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All the Ten Tec QRP gear I posted for sale has been sold. Tnx es enjoy!

72 Dick AB0CD..

Date: Sat, 17 Apr 1999 11:17:38 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: jhenshaw@bellsouth.net, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [38368] Re: So. Florida Propagation
Message-ID: <3718DE52.4B87AC61@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jerry Henshaw wrote:

> Well for the last few days the propagation here is South Florida has been non-existent!!! This morning I could hear zip, zero, nada on all bands! Is anyone else experiencing rotten band conditions.... no QRN just quite, dead, nary a peep. Really eerie.

=====

AL7OK, John, a new 20 meter QRP Op here in Anchorage says 20 meters up here today is deader than Florida! :-)

73, Jim, AL7FS
<http://www.qsl.net/al7fs/>
<mailto:al7fs@qsl.net>
Anchorage, Alaska

Date: Sat, 17 Apr 1999 13:34:59 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Peter Larsen <larsenp@cadvision.com>
Cc: Low Power Group <qrp-l@LeHigh.EDU>, Multiple recipients of list <qrp-canada@lists.gpfn.sk.ca>
Subject: [38369] Spring Bouquet report
Message-ID: <Pine.LNX.3.95.990417133220.21718A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Same conditions here.....nothing on 10 & 15 and 20 is in poor shape...only a few signals from the Mich qso party and South America stations...I will monitor 14.285 and see what happens....darn.....so much for our "race"
Peter!...HI HI...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada

"QRP! How sweet it is!"

On Sat, 17 Apr 1999, Peter Larsen wrote:

> Hi All:
> Ten meters is a no go today. Even 11 is quiet up here.
> With numbers of Flux=123 A= 12 K= 5
> I don't think that I will make any contacts today.
> I will try to go on 20 at about 21:00z, 14.285
> But even 20 is poor today.
> Best 72 es hope to hear some of you.
> --
> 72 es have fun
> Peter
> VE6YC D021wc

> -----
> Artificial intelligence is no match for natural stupidity.
> -----
>

Date: Sat, 17 Apr 1999 12:53:19 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: jcs4us@cosmoaccess.net
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [38370] Re: FS: K-2, already built, already sold
Message-ID: <3718E6AF.1DDD75C7@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Alan,

Simon is an honest guy, so if he says it is still for sale he must be right! The person who contacted us may have been contemplating buying the rig and then changed their mind.

Sorry for the confusion!

73, Eric

jcs4us@cosmoaccess.net wrote:

>
> That is interesting because the guy was giving me instructions where to

> send the money... Maybe I better hold off... Alan KQ6MD
>
> At 09:56 PM 4/16/99 -0700, you wrote:
> >I believe this K2 has already been bought. We were contacted by the new
> >owner last week.
> >
> >72, Eric
> >
> >
> >You wrote:
> >
> >This seems almost too good to be true, but this person is selling an
> >Elecraft K-2 already built. He writes for a radio publication and built it
> >for a review. I would grab it but my SG-2020 pretty well absorbed my radio
> >budget. PLEASE don't write me--write him, Simon Lewis, at:
> >
> > slewis@pacsat.demon.co.uk
> >

Date: Sat, 17 Apr 1999 13:05:16 -0700
From: "Frank" <ke6vhm@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Message-ID: <001901be890d\$9e674220\$4e67fea9@west->
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

suspend qrp-l

Date: Sat, 17 Apr 1999 14:17:54 -0700
From: Zeek Zilch <zeekzilch@chisp.net>
To: qrp-l@Lehigh.EDU, aa0rq@hotmail.com, cqclist@mtechnologies.com,
v31ry@ix.netcom.com, dxer@aol.com
Subject: [38372] Amateur EXTRA Class Proposal
Message-ID: <3718FA82.A3BC4F76@chisp.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I propose that the requirements and privileges for the Amateur EXTRA

class license remain the same, or even be strengthened, so that Hams have something honorable and meaningful to work for.

WB0JNR

<http://www.qsl.net/wb0jnr/reallicense.html>

Date: Sat, 17 Apr 1999 16:27:12 -0400
From: spoon@kodak.com
To: qrp-1@lehigh.edu
Cc: spoon@kodak.com
Subject: [38373] FS: Argosy 425 plus
Message-ID: <85256756.00703A06.00@knotes.kodak.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

From: John P. Spoonhower

Dear QRPer's,

I have decided to continue my spring clean out and sell the following (reluctantly!).

For sale: Ten-Tec Argosy 425 analog version in excellent condition with manual and factory model 700/c microphone. There are 2 very small scratches on the top of the case otherwise in perfect condx. This radio was made late in the production run and so it has a factory installed high performance mixer. The only mod I have made was to speed up the agc. Details about the mod are forthcomingjust inquire. Includes 30 m band, mobile bracket (never used), cw crystal filter, 2 position audio filter. There is a collection of Argosy articles from the ham literature included too. I have a spare front panel for the model 425D in perfect condition. this panel is only slightly different from the analog version. I had plans for a "digital version" of this radio by incorporating a Wilderness Radio KC1 in the front panel. The KC1 is built but not installed. Alas

I will sell the entire package for \$460 + shipping. If you are uninterested in the KC1 I will consider selling the argosy without the KC1 (I have plans to put it

into a HW-9). In that case, tell me you don't want the KC1 and make an offer.

If you're interested, I have a spare pair of MRF-477 (finals) for the radio too..
again make an offer.

This is the best qrp radio I have ever used.

73, john, kc2du

Date: Sat, 17 Apr 1999 22:33:15 +0200
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [38374] Re: PSK31
Message-ID: <m10Ybm7-0003JTC@fwd15.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

John,

I agree with you. But on the other side I can understand Bruce. I think everyone should have fun in his own way. Bruce (w6toy) prefers working without computer and other people have fun using the computer.

Maybe the skill is the lower the more you use the benefits of high tech. But let's have fun doing our hobby and why not try and enjoy new modes? Including the computer can be a challenge and an enrichment although (or because?) it makes life easier.

72,
Hanns DK9NL

John L. Sielke schrieb:

>

> With this type of thinking, I would have to junk my keyer, my Elecraft K2 rig,
> my LDG autotuner, etc, because, horrors, they are "computer aided."

>

> I thought the comments on "pure qrp" a few months ago were asinine, with the
> self-righteous contingent patting themselves on the back for using only indoor

> wire antennas. I didn't comment then, but I cannot help wondering if this
> self-righteous, luddite crap is not a late April fool's spoof?
>
> The idea of playing with PSK31 is to have some fun, for me. If there are
> contests, certificates, etc., that makes it more fun. Maybe my computer did do
> some of the work. Hey, if I didn't want technology, I would communicate by
> smoke signals.

Date: Sat, 17 Apr 1999 17:01:44 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [38375] drift in qrp+ using psk
Message-ID: <19990417.170145.-277819.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang

anyone have any ideas on how I could stop the drifting of my qrp+ enough
to stay on freq when using psk31.... I'm missing out on a few contacts
here

pqr supply for rig is 100ah marine battery fully charged, clean contacts
to the battery.

joel in maine

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 17 Apr 1999 15:09:06 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Cc: Earl Murphy <earlmurf@telusplanet.net>
Subject: [38376] Spring Bouquet (fwd)
Message-ID: <Pine.LNX.3.95.990417150248.26541C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm going to be on the HF bands on Sunday, April 18th....I'll be near

+/- the qrp freqs on 20,15 & 10 mtrs SSB from 1900Z to 2100Z, Sunday afternoon.....hope to give out a lot of Prairie Lillys...so listen for VE5QRP please...14.285 +/-....21.385 & 21.285...28.360 & 28.885...not a single contact today....here's hoping tomorrow brings better propagation!

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

Date: Sat, 17 Apr 1999 17:22:56 -0400
From: mikemo@ibm.net
To: qrp-l@lehigh.edu
Subject: [38377] FS: QRP gear
Message-ID: <3718FBB0.A26220BE@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The K2 finance committee has authorized the liquidation of the following equipment. All prices are firm, unless you think they are too high... then just make an offer ;-)

- 1) MFJ 9040, 40 meter qrp rig. 5 watts out. Full CW band coverage. Just over a year old and in excellent condition inside and out. Original box. \$100
- 2) MFJ 9020, 20 meter qrp rig. 5 watts out. This is an older model but is excellent inside and out. Just aligned and tested. \$75
- 3) MFJ keyer board for the 90xx series. \$25
- 4) Heathkit HW-8 with HWA-7-1 power supply. 80, 40, 20 and 15 meters. No mods. Electrically a 10. Outside is an 8, due to some small chips and scratches on the case. The face is nice. All documentation. \$125
- 5) NW8020 for 30 meters, designed by Roy Gregson. 5 Watts out. 35 kHz band coverage from 10.100 to 10.135. Reduction drive vfo cap. RIT. Built in radio shack case. Excellent little rig with a great receiver. \$75

Thanks for reading. Prices don't include shipping. I guarantee the equipment is as described.

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Sat, 17 Apr 1999 17:23:28 -0400
From: mikemo@ibm.net
To: qrp1 <qrp-1@lehigh.edu>
Subject: [38378] AEA IsoLOOP info please.
Message-ID: <3718FBD0.D7A35479@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I picked up an AEA IsoLOOP antenna today at a hamfest. It was a bargain!
It didn't come with any documentation. If there are any owners out there
that could give me some info, and perhaps a copy of the doc's, please
email.

THANKS!

72 de ku4qo, Mike Maiorana, Palm Harbor, FL

Date: Sat, 17 Apr 1999 17:24:05 EDT
From: W2IV@aol.com
To: qrp-1@lehigh.edu
Subject: [38379] FS: TT1320 TEN TEC 20 Meter QRP Rig
Message-ID: <dbbda5e.244a55f5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FOR SALE

I am offering for sale a Ten Tec 1320, qrp xceiver for sale.
I am asking \$85 for the rig. If interested please leave E-mail to
W2IV@aol.com

72/73 John

Date: Sat, 17 Apr 1999 17:26:36 -0400
From: ntan <ntan@crosslink.net>
To: QRP-L <qrp-1@lehigh.EDU>
Subject: [38380] re: price of ta33jr...
Message-ID: <3718FC84.5F3B60F1@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'd like to thank K8DD, K8CV, WB2VU0, KE4Q0K, WA2FWE, W5TB and Curt for responding to my question about the tower/ beam combo. I think we have work out a deal that will be good for both of us...Thanks again, gentlemen..de WA4CHQrp

Date: Sat, 17 Apr 1999 17:28:28 EDT
From: W2IV@aol.com
To: qrp-1@lehigh.edu
Subject: [38381] FS: Backpacker II, 40 meter QRP RIG
Message-ID: <4162b2c7.244a56fc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am offering for sale my Tejas RF Technology Backpacker II, 40 meter rig. I am asking \$90 for the rig. If interested please leave e-mail to W2IV@aol.com
TNX es 72/73
John

Date: Sat, 17 Apr 1999 17:36:44 -0400
From: John <aa5yx@juno.com>
To: qrp-1@lehigh.edu
Subject: [38382] NE QRP club meeting info?
Message-ID: <3718FEEC.210B4D5F@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

Can someone please direct me to a web page with details on tomorrow's (Sunday) meeting in Newington. I need to know what time the meeting takes place.

Muchas gracias,

John Harper AA5YX/2

Date: Sat, 17 Apr 1999 15:43:25 -0700
From: Zeek Zilch <zeekzilch@chisp.net>
To: qrp-1@Lehigh.EDU
Subject: [38383] EXTRA Class Clarification
Message-ID: <37190E8D.F82C4459@chisp.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to everyone who has responded to another one of my licensing rants. Private message and web page hits suggest that I may be giving the wrong impression about FCC testing. Let me clarify it to say that the FCC testing issue died about a decade ago and ain't held against anyone who goes before a VE team 'cuz you don't have much choice. The point is, let's keep the standards, at least for the EXTRA class ticket, really high so that the achievement means something. Thanks to all for helping to keep a great hobby going!!

Roger J. Wendell
The Colorado Curmudgeon
WB0JNR

Date: Sat, 17 Apr 1999 14:37:37 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: KC7MES@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38384] Re: NorCal 40a
Message-ID: <Pine.LNX.3.96.990417143445.4835A-1000000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rob,
See my article in March, 1995 QRPP, page 6 ("A COOL 5 Watts for Your NorCal 40").
72, Dave, W6EMD

Date: Sat, 17 Apr 1999 15:53:40 -0700
From: Zeek Zilch <zeekzilch@chisp.net>
To: qrp-l@Lehigh.EDU
Subject: [38385] Extra Class Clarification
Message-ID: <371910F4.9AD9F15B@chisp.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This might be a repeat because I'm having some mail server problems. Anyway, I just want to say thanks to all of the great licensing comments that I received publicly and privately. And, I want to clarify that I don't hold against anyone who didn't have to suffer, like I did as a skinny 14 year old, before an FCC examiner somewhere. The option just isn't available anymore...

Roger
WB0JNR
Colorado's Curmudgeon

Date: Sat, 17 Apr 1999 16:49:44 -0500 (EST)
From: bkobie@webtv.net (patrick obrien)
To: qrp-l@lehigh.edu
Subject: [38386] trade
Message-ID: <13012-371901F8-14733@mailtod-141.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

trade mint norcal 40a
for mfj 20, 40 or 30 or 17 mtr qrp xcvr
or norcal 40a for 105 dollars plus 5 for s/h
qsl k8len/pat

Date: Sat, 17 Apr 1999 14:51:13 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [38387] Anyone designing a DSP front end receiver ?
Message-ID: <Pine.SUN.3.91.990417144920.2259B-100000@crl2.crl.com>

Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Looking for someone who is playing with a HF DSP front end or some of the new RF chip sets on a portable receiver to swap ideas.

de stan ak0b

Date: Sat, 17 Apr 1999 22:23:39 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: earlmurf@telusplanet.net, Low Power <qrp-1@Lehigh.EDU>
Cc: Multiple recipients of list <qrp-canada@lists.gpfn.sk.ca>
Subject: [38388] SPRING BOUQUET---Wild Rose log April 17
Message-ID: <3718FBDB.D17FDC80@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi Earl:

QRP Contacts:

Larry	VE6KC	59	59	AB	5 watts	
Duncan	VE6QRP	59	59	AB	#20	
Mary	WN6HYX	54	55	CA	#51	
Bill	WG6N	59	59	CA	5 watts	
Herb	KG6OK	55	57	CA	4 watts	
Bing	KI7QZ	57	55	NV	5 watts	Mobile
Scott	N GXM	59	59	CO	5 watts	
Rolind	N9HMB	55	59	WI	5 watts	
Merv	WA9UPL	57	59	WI	5 watts	
Ted	VE3FUL	43	55	ON	#75	

Can you say crud?? Worst conditions in months made the race between VE6YC and VE5QRP a no go. Total contacts were 17. Largest QRO was 500 watts, but when he went to 100 watts he was gone. It looks like my TH6DXX fed with 1/2 inch hard line works well on transmit. It is at 72 feet, but giving a 59 to a 500 watt station and receiving a 55 for my 5 watt signal?? Can you say crud conditions?

So Bruce let's check out when the next peak in the month will be and race again.

--

73 es have fun

Peter
VE6YC D021wc

Artificial intelligence is no match for natural stupidity.

Date: Sat, 17 Apr 1999 16:28:05 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Peter Larsen <larsenp@cadvision.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38389] Re: Ten is a no go!
Message-ID: <Pine.SUN.4.10.9904171609430.624-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Apr 1999, Peter Larsen wrote:

> Ten meters is a no go today. Even 11 is quiet up here.
> With numbers of Flux=123 A= 12 K= 5

There is no absolute rule on solar flux, but generally, it takes a solar flux around 140-150 or higher for 15 and 10M to open up good. 123 is mushy even for 20M.

The solar flux has very little to do with the bands below 20M. The lower bands are effected more by the geomagnetic field. With a K=5 (meaning the CURRENT conditions in the past 3 hours), that is a MINOR GEOMAGNETIC STORM, which is causing high absorption and noisy bands on 20M and below.

The A-index is the 24-hour average over the previous UTC day, that is, what it was like YESTERDAY. A new A-index will be released shortly as this UTC day comes to an end, and will likely be much higher. A-indices in the range of 39-56 define minor storm conditions.

To be honest, I don't know why the K index is up to 5. I haven't looked at any of the data for a couple of days. (Yeah, yeah, I know -- sluffing off on the job here -- sorry!). It's either the aftermath of an optically uncorrelated flare (that is, an "unseen" coronal mass ejection) or a large coronal hole. It depends on what the solar wind data from the satellites is showing. You might go to www.dxlc.com and look at the plots for solar WIND (Velocity) and DENSITY.

If Wind is normal (<400 km/sec) and density is high, it's mass hitting the earth from a coronal hole. Bad news is this CAN persist for hours or a couple of days.

If the wind is high (>400 km/sec) and the density is normal, it is likely a shock wave hitting us from a solar flare/CME. Once the shock wave has passed, our geomagnetic field will start to settle back down.

> 72 es have fun
> Peter
> VE6YC D021wc

Keep having fun, Peter, and don't let the sun/geomagnetic field get you down too much. Keep an eye on the K-index (not the A-index) as a more accurate measure of current conditions, which is updated every 3 hours.

K=5 Minor storm

K=4 Active

K=3 Unsettled

K=2 Quiet

K=1 Quiet

K=0 Very quiet

72, Paul NA5N

End of QRP-L Digest 1429
